Paper No: 040020208   **Courses: Web Application Development**

Assessment for Theory:

The weightage of CIE and University examination shall be as per the University regulations.

➢ Composition of CIE shall be

Assessment Code	Assessment Type	Duration of each	Occurrence	Each of marks	Weightage in CIE of 40 marks
A1	Quiz	50 mins	1	20	5X1=5
A2	Unit Test	90 mins	2	30	6X2=12
A3	Internal Examination	3 hours	1	60	17X1=17
A4	Smart Debug (Including Viva)	1	20	6X1=6

Assessment for Practical:

Assessment Code	Assessment Type	Duration of each	Occurrence	Each of marks	Weightage in CIE of 20 marks
A5	Quiz (Including viva)	50 mins	1	20	4X1=4
A6	Internal Examination	2 hours	2	30	6X2=12
A7	Journal	-	-	-	4x1=4

Assessment Type Classification:

Assessment Code :	A1	Coverage of Content :	Topic covered from unit 1,2,3
Assessment Type :	Quiz 1(Online)	Tentative Date :	2nd week of March
Kind of Question Format :	Choose most appropriate answer from the given options for question. • Attempt 40 questions, marks will be 40*0.5 = 20		
Assessment :	Formative		
To measure :	Knowledge		
Outcome :	CO1: Differentiate usage of system architecture and containers. CO2: Develop servlets using HTTP Request and Response headers. CO3: Demonstrate session management in servlet technology.		

Assessment Code	A2	Coverage of Content :	Topics covered from Unit 1, 2
Assessment Type	Unit Test 1	Tentative Date :	16/2/2015
Kind of Question Format :	Q-1(A) Short answer questions(4 out of 4) (1x4=4) Q-1(B) Answer in brief (Attempt any 3 out of 4) (2x3=6) Q-2 Practical Problems (2x5=10) Q-3 Answer in detail.(Attempt any 2 out of 3) (2x5=10)		
Assessment :	Summative		
To measure :	Knowledge, comprehension, and application		
Outcome :	CO1: Differentiate usage of system architecture and containers. CO2: Develop servlets using HTTP Request and Response headers.		

Assessment Code :	A2	Coverage of Content :	Topics covered from Unit 3, 4,10% from unit 1 and 2
Assessment Type :	Unit Test 2	Tentative Date :	4/4/2015
Kind of Question Format :	Q-1(A) Short answer questions(4 out of 4) (1x4=4) Q-1(B) Answer in brief (Attempt any 3 out of 4) (2x3=6) Q-2 Practical Problems (2x5=10) Q-3 Answer in detail.(Attempt any 2 out of 3) (2x5=10)		
Assessment :	Summative		
To measure :	Knowledge, comprehension, and application		
Outcome :	CO4: Demonstrate session management in servlet technology. CO5: Develop Java Server Pages using declaratives directories and Tag libraries.		

Assessment Code :	A4	Coverage of Content :	All Units

Assessment Type :	Smart Debug	Tentative Date for submission :	2nd week of April
Kind of Question Format :	Application Debugging.		
Assessment :	Summative		
To measure :	Knowledge, Analysis, Programming		
Rules:	• Teams shall be comprised of 4 students allocated by course teacher. • During second week of semester teacher shall provide J2EE application which has some bug to students' team. • During the semester team shall work on bug fixing and/or code arrangement to make the application work successfully. • Assessment shall be done based on efforts, time, and inverse of error percentage.		
Tentative Date for Submission:	1. Application provided by course teacher: 2nd week of semester. 2. Documentation submission which include details of bugs identified in an application: 6th week of Semester 3. Application demonstration and viva : 14th week of semester		
Outcome :	CO1: Differentiate usage of system architecture and containers. CO2: Develop servlets using HTTP Request and Response headers. CO3: Demonstrate session management in servlet technology. CO4: Develop Java Server Pages using declaratives directories and Tag libraries. CO5: Design web application using MVC design pattern.		
Penalty Criteria:	• Late submission shall be penalized -2 of full marks per day for maximum two working days after the deadline. • No submission shall be accepted thereafter with the corresponding mark set to 0.		
Bonus Marks:	• Student shall receive up to +2 bonus of full marks with marks not exceeding 20, if submission is done early before the deadline. • If submission is incomplete or incorrect then marks will be deducted accordingly.		

Assessment Code :	A5	Coverage of Content :	Topics covered from Unit 2 and JDBC
Assessment Type :	Quiz 1	Tentative Date :	1st week of February
Kind of Question Format :	A. Solve the practical Problems. • Attempt 1 questions marks will be 1 X 15 = 15 **marks** B. Viva : **5** marks Total Marks : A+B = 20 Marks		
Assessment :	Formative		
To measure :	Knowledge and application		
Outcome :	CO2: Develop servlets using HTTP Request and Response headers.		

Assessment Code :	A6	Coverage of Content :	Topics covered from Unit 2, 3
Assessment Type :	Internal 1	Tentative Date :	4th week of March
Kind of Question Format :	A. Solve the practical Problems. • Attempt 1 question out of 1. marks will be 1 X 13 = 13 **marks**		

	B. Solve the practical Problems.
	• Attempt 1 question out of 1. marks will be 1 X 10 = 10 **marks**
	C. Viva : **7** marks
	Total Marks : A+B+C = 30 Marks
Assessment :	Formative
To measure :	Knowledge, application, synthesis
Outcome :	CO2: Develop servlets using HTTP Request and Response headers.
	CO3: Demonstrate session management in servlet technology.

Assessment Code :	A6	Coverage of Content :	Topics covered from Unit 4,5
Assessment Type :	Internal 2	Tentative Date :	2nd week of April
Kind of Question Format :	A. Solve the practical Problems. • Attempt 1 question out of 1. marks will be 1 X 13 = 13 **marks** B. Solve the practical Problems. • Attempt 1 question out of 1. marks will be 1 X 10 = 10 **marks** D. Viva : **7** marks Total Marks : A+B+C = 30 Marks		
Assessment :	Formative		
To measure :	Knowledge, application, synthesis		
Outcome :	CO4: Develop Java Server Pages using declaratives directories and Tag libraries. CO5: Design web application using MVC design pattern.		

#Note: If any student found doing UFM during exams will be given penalty of 10% for respective Assessment parameter.